5317

日本生態學會誌

JAPANESE JOURNAL OF ECOLOGY

Vol. 27

1977

日本生態學會

The Ecological Society of Japan

c/o Department of Biology, School of Education, Waseda University, Tokyo 160, Japan

Editorial Committee: *c/o Laboratory of Biology, Faculty of Science, Kyushu University, Fukuoka 812, Japan*

Digitized by the Internet Archive
in 2026

https://archive.org/details/japanese-journal-of-ecology_1977_27_contents

目　　次

No. 1 (1977年3月)

原　著

内田卓志：*Prorocentrum micans Ehreberg* による珪藻阻害物質の分泌について（英文）…… 1

汐津美文：福岡市におけるゴマダラチョウの生活環におよぼす温度と日長の影響…… 5

広木詔三・松原輝男：ブナ科植物の生態学的研究

Ⅰ．アベマキの種子期における生理生態学的研究……13

大野　淳・小笠原義光・安田富士郎：四万十川におけるテナガエビ類の分布域と生息場所……23

斎藤　譲・長縄三郎・宮坂広司：潮間帯の海藻植生における極相とその査定……33

阪井與志雄：小樽市コンブ礁の植生構造と現存量（英文）……45

米田　健・依田恭二・吉良竜夫：西マレーシア，パソー多雨林における

枯死材の集積と分解（英文）……53

仲宗根幸男：沖縄島雄樋川におけるカニの帯状分布（英文）……61

雑　録……71

記　事……72

No. 2 (1977年6月)

原　著

蓮井秀昭：モンシロチョウの生存曲線と生命表の発生世代による変化……75

只木良也・佐藤明・桜井尚武・竹内郁雄・河原輝彦：森林の生産構造に関する研究

XVIII. 朝日岳周辺におけるシラベしま枯れ林の構造と一次生産 ……83

前川光司：然別湖産イワナの変異性に関する研究

Ⅰ．発育と稚魚期の生活史……91

臼杵　格：アリモウミウシの栄養状態におよぼす食藻の影響（英文）…… 103

園部力雄：宮城県のアリ相（英文）…… 111

巌佐　康・寺本英：分布様式形成のモデルと集合度指数…… 117

船越公威：ユビナガコウモリに外部寄生するケブカクモバエの生態学的研究

―特に生活史からみた宿主への適合性に関して…… 125

原　嘉彦：天龍川流域の細胞性粘菌（無遊子類）

1．クリーコナラ林とマツ―落葉広葉林における細胞性粘菌の分布…… 141

雑　録…… 147

記　事…… 149

No. 3 (September 1977)

Articles

TOGASHI, K., Takahashi, F.: Preferential feeding of the last instar larvae of *Dendrolimus spectabilis* BUTLER (Lepidoptera: Lasiocampidae), on the old needles of *Pinus thunbergii* PARL. in the field 159

KIKUCHI, E., FURUSAKA, C., KURIHARA, Y.: Effects of tubificids (*Branchiura sowerbyi* and *Limnodrilus socialis*) on the nature of a submerged soil ecosystem 163

YUKAWA, J., YAMAUCHI, S., NAGAI, S., TOKUHISA, E.: Leaf longevity and the defoliating process in saplings of *Actinodaphne longifolia* (BLUME) NAKAI 171

YIM, Y.-J.: Distribution of forest vegetation and climate in the Korean Peninsula. III. Distribution of tree species along the thermal gradient 177

HAYASHI, I.: Secondary succession of herbaceous communities in Japan 191

TSUKAMOTO, J.: Soil macro-animals on a slope in a deciduous broad-leaved forest. I. Two species of terrestrial Isopoda: *Ligidium japonicum* and *L. paulum* 201

TODA, M. J.: Vertical microdistribution of Drosophilidae (Diptera) within various forests in Hokkaido. I. Natural broad-leaved forest 207

KANAMOTO, Z.: On the ecology of hexagrammid fish. III. Niches of *Agrammus agrammus* (TEMMINCK et SCHLEGEL) and *Hexagrammos otakii* JORDAN et STARKS and the mode of life of some reef fish 215

NAKANO, K.: A model for the problem of the effects of defoliation on plant growth 227

Miscellaneous Notes 249

Proceedings 250

No. 4 (December 1977)

Articles

NAKANO, K.: A numerical index of defoliation pressure: Definition and application 253

FUJITA, K.: Wing form composition in the field populations of the two species of Lygaeid bugs, *Dimorphopterus pallipes* and *D. japonicus*, and its relation to environmental conditions 263

YIM, Y.-J.: Distribution of forest vegetation and climate in the Korean Peninsula IV. Zonal distribution of forest vegetation in relation to thermal climate 269

KAWANISHI, M., WATANABE, T. K.: Ecological factors controlling the coexistence of the sibling species: *Drosophila simulans* and *D. melanogaster* 279

MIYOSHI, N., HADA, Y.: Pollen analysis studies of moor sediments in Chugoku district, Japan. IV. Makura moor (Hiroshima Pref.) 285

SAKURATANI, Y.: Population fluctuations and spatial distributions of natural enemies of aphids in corn fields 291

KONDO, T.: Social behavior of the Japanese wood mouse (*Apodemus speciosus*) in the field 301

HOSOMI, A.: Ecological studies on the mussel *Mytilus galloprovincialis* (LAMARCK), I. On the fluctuation of its coverage 311

Short Communication

TSUJIMURA, A.: Difference of the vegetation of solfataras according to their positions on the vegetation zone 319

Miscellaneous Notes 323

Proceedings 323